

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("5643478").PN	US-PG Pub; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2008/11/13 11:16
S2	16	("5643478") or ("6096994").PN. or ((02/078891) or (02/095323)).APP.	US-PG Pub; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2008/12/04 11:05
S3	16	("5643478") or ("6096994") or ("2078891") or ("2095323").PN.	US-PG Pub; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2008/12/04 11:07
S5	6	("0747209") or ("0557438").PN. or (59/158272).APP.	US-PG Pub; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2008/12/05 15:48
S6	9	US-5643478-\$DID. OR US-6096994-\$DID. OR WO-02078891-\$DID. OR US-1702463-\$DID. OR US-7024631-\$DID.	US-PG Pub; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; BM_TDB	ADJ	OFF	2009/03/19 10:55
S7	5	EP-0930125-\$DID. OR WO-0102125-\$DID. OR US-6133545-\$DID. OR US-6680286-\$DID. OR US-7822500-\$DID.	US-PG Pub; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; BM_TDB	ADJ	OFF	2009/03/19 11:03
S8	11	EP-0930125-\$DID. OR US-6051805-\$DID. OR WO-0102125-\$DID. OR US-6055700-\$DID. OR US-6236017-\$DID. OR US-6133545-\$DID. OR US-1711000-\$DID. OR JP-3047890-\$DID. OR JP-11333563-\$DID.	US-PG Pub; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; BM_TDB	ADJ	OFF	2009/03/19 11:05

\$9	10	US-3401540-\$ D.D. OR US-706111D-\$ D.D. OR US-4721947-\$ D.D. OR US-6041287-\$ D.D. OR US-1911727-\$ D.D. OR US-6233570-\$ D.D.	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/19 11:08
\$10	9	("6096994") PN or (02/078891) APP	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 11:27
\$13	642	219/130.21	US-PGPUB; USPAT; USOCR; FPPS; EPO; DERWENT	ADJ	ON	2009/03/19 11:47
\$18	8664	(219/130.21,130.1,50,121.11,125.1,124.1,137R,137PS,136,56,56.1,99,130.5,76,76.14,76.1) CCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 11:50
\$19	7210	S18 and (weld\$4 or system\$2 or tun\$4 or electri\$2 or circuit\$2 or power source\$2 or control\$4 or computer\$4 or memory or calibrat\$4 or experiment\$2 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2 input\$2 output\$2 or first or second or value \$2 or resistance\$2 or voltage\$2 or inductanc\$2 or current\$2 or mode\$2 or third or arc or predict\$4 or process\$3 or electrode \$2 or wir\$4 or column\$2 or measur\$4 or workpiece or metal transport\$3 or region or component\$2 or program\$4 or network \$2 or internet or robot\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:08
\$20	6648	S19 and (weld\$4 or system\$2 or tun\$4 or calibrat\$4 or experiment\$2 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2 )	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:10
\$21	3500	S20 and (calibrat\$4 or experiment\$2 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2 )	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:11
\$22	3392	S21 and (calibrat\$4 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:12
\$23	240	S22 and (arc welding system)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:13
\$24	31	S23 and (simulat\$4 or calibrat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:37
\$25	31	S23 and (simulat\$4 or calibrat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:03
\$26	3	S23 and (simulat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:03
\$27	301	S22 and (simulat\$4 or calibrat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:06

\$28	122	\$27 and (simulat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:07
\$29	190	\$27 and (calibrat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:08
\$30	2	\$28 and \$29 and tun\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:09
\$31	17	\$28 and (tun\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:10
\$32	25	\$28 and (welding system)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:15
\$33	65	\$29 and (welding system)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:22
\$34	7	\$23 and (tuning)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:41
\$35	38	\$22 and simulation	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:46
\$36	90	\$22 and calibration	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:53
\$37	126	\$22 and calibrate\$2	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:58
\$38	89	\$22 and simulate\$2	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:00
\$39	24	\$13 and simulate\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:07
\$40	596	901/42	US-PGPUB; USPAT; USOCR; FPS; EPO; DERIVENT	ADJ	ON	2009/03/19 14:22
\$41	410	\$40 and (calibrat\$4 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2 input\$2 output\$2 or first or second or value \$2 or resistance\$2 or voltage\$2 or inductanc\$2 or current\$2 or mode\$2 or third or arc or predict\$4 or process\$3 or electrode \$2 or wir\$4 or column\$2 or measur\$4 or workpiece or metal transport\$3 or region or component\$2 or program\$4 or network \$2 or internet or robot\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:23
\$42	596	\$40 and (weld\$4 or system\$2 or tun\$4 or electr\$2 or circuit\$2 or power source\$2 or control\$4 or computer\$4 or memory or calibrat\$4 or experiment\$2 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2 input\$2 output\$2 or first or second or value \$2 or resistance\$2 or voltage\$2 or inductanc\$2 or current\$2 or mode\$2 or third or arc or predict\$4 or process\$3 or electrode \$2 or wir\$4 or column\$2 or measur\$4 or workpiece or metal transport\$3 or region or component\$2 or program\$4 or network \$2 or internet or robot\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:24

S43	103	S42 and (simulat\$4 or calibrat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:26
S44	1	("4825038"), PN	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 14:46
S45	3	S20 and simulation model	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:58
S46	1	S18 and (arc weld\$3 system\$2 and control\$4 and simulat\$3 model\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:00
S47	1	S13 and (arc weld\$3 system\$2 and control\$4 and simulat\$3 model\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:01
S48	460	219 130 01	US-PGPUB; USPAT; USOCR; FPPS; EPO; DERIVENT	ADJ	ON	2009/03/19 16:02
S52	3930	S18 and (arc weld\$3 system\$2 or control\$4 or simulat\$3 model\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:05
S53	3930	S52 and (system\$2 or control\$4 or simulat\$3 model\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:06
S54	3	S52 and (simulat\$3 model\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:06
S55	620	S52 and (control\$4 system)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:19
S56	30	S55 and simulat\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:20
S57	2753	(219 130 21, 124 34, 130 21, 124 03, 136 130 33) CQLS	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERIVENT; IBM_TDB	OR	OFF	2009/11/20 14:49
S58	18	S57 and (simulation)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/20 14:49
S59	16	S58 and (calibrat\$4 or model or system or input\$2 parameter\$2)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERIVENT; IBM_TDB	ADJ	ON	2009/11/20 14:51

\$60	18	\$57 and (simulation)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 14:51
\$61	16	\$59 and (calibrat\$4 or model or system or input\$2 parameter\$2)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 14:51
\$62	9	\$59 and (calibrat\$4 or model or input\$2 parameter\$2)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 14:52
\$63	16	\$59 and (calibrat\$4 or model or input\$2 or parameter\$2)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 14:52
\$64	1	("4716273").PN	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/21 09:21
\$65	12	US-5750957-\$ D.I.D. OR US-6031203-\$ D.I.D. OR US-6067627-\$ D.I.D. OR US-6335511-\$ D.I.D. OR US-6429404-\$ D.I.D. OR US-6518536-\$ D.I.D.	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/13 10:53
\$66	10	\$65 and (simulat\$3 or model or calibrat\$3 or calculat\$3 or tun\$3 or implement\$4 or paramter or measur\$3)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/13 11:05
\$67	10	\$65 and (simulat\$3 or model or calibrat\$3 or calculat\$3 or tun\$3 or implement\$4 or paramter or measur\$3 or theoretical or theory)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/13 11:08
\$68	9	("3867769"   "4103141"   "4375026"   "4452589"   "4471207").PN. OR ("4716273").UP.N.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/13 15:29

S69	8	S68 and (simulat\$3 or model or calibrat\$3 or calculat\$3 or tun\$3 or implement\$4 or paramter or measur\$3 or theoretical or theory)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/13 15:30
S70	19	("1286529"   "2860422"   "3029526"   "3562927"   "3673708").PN. OR ("3867769").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/13 15:43
S71	11	S70 and (simulat\$3 or model or calibrat\$3 or calculat\$3 or tun\$3 or implement\$4 or paramter or measur\$3 or theoretical or theory)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/13 15:43

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